BRUHAT BANGALORE MAHANAGARA PALIKE

FORM OF EXTRA ITEM RATE LIST IN FORM NO. P.W.G.71.

Name of work: Widening of Road from NH-7 upto SWD bridge along Jakkur Road Near Raithara Santhe in Yelahanka

Estimated cost : 1,00,00,000/-

Agency: M/s.Sathya Constructions

Work Order No.01/14-15, Dated:12.01.2015

Tender Premium: 3.00% above

Sl. No.	Description of work	Unit	As per qty	Rate	Amount	Whether the items are alternative to the item in the tender, whether these are additional items or sometimes in Accepted tender	Whether the extra items are included in the sanctioned estimate	How the extra cost of the item is proposed to be met	Whether the cost of the item is included in the CSR, if not a Data Rate has to be derived	Remarks
1	2	3	4	5	6	7	8	9	10	11
1	Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of 50m and removing the debris to a distance upto 200m.I.NO 37.47 P.NO 258	Cum	32.83	146.30	4803.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	
2	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms).I.NO 37.51, P.NO 258	Cum	12.16	51.31	624.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	
3	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in hard soil depth not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification No.KBS 2.1 (a) / 2.3.5 **(P.No.5 I.No.2.4)**	Cum	54.72	267.49	14637.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	
4	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1,4.2 **(P.No.12 I.No.4.3)**	Cum	18.65	4900.00	91375.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	

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1	2	3	4	5	6	7	8	9	10	11
5	Providing and constructing granite/trap/basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dresssed in courses not less then 20cms high,bond stones at two m apart in each course including cost of materials, labour, curing complete as per Specification. **(P.No.22 I.No.5.6)**	Cum	42.62	3878.07	165299.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	
6	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. **(P.No.22 I.No.5.9)**	Cum	12.31	4592.11	56538.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	
7	Providing **ruled pointing to coursed stone mansonry with cement mortar 1:4** 20mm deep, after raking jionts to depth of 20mm nicely lining including cost of all materilas, labour, curing complete as per specifications.**(P.No.97 I.No.15.4)**	Sqm	74.52	90.62	6753.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	
8	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.**I.NO 5.34, P.NO 25**	Sqm	116.38	950.96	110676.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	
9	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1,4.2 **(P.No.12 I.No.4.6)**	Cum	1.69	5385.85	9085.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	
10	KSRB15-3.10 : Providing 20mm thick cement plaster in single coatwith cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.**I.No: 15.18, P.NO 113**	Sqm	244.17	256.57	62647.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	

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1	2	3	4	5	6	7	8	9	10	11
11	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. -do- with primer **I.No 15.53.2, P.No.117**	Sqm	244.17	81.89	19994.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	
12	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and I scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications **I.No: 15.73, P.No.120**	Sqm	18.00	28.39	511.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	
13	KSRB 15-18.3 : Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal ; surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications **I.No: 15.75, P.No.120**	Sqm	18.00	52.41	943.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	
14	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100 m sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications, including cost of materials, labour, complete as per specifications **I.No: 15.73, P.No.120**	Sqm	1459.00	74.98	109390.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	

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1	2	3	4	5	6	7	8	9	10	11
16	Providing and fixing of Reflective Raised Pavement marker (RPM's) / Cat eyes / Road studs confirming to ASTM D4280 type H, having reflective panels made of prismatic lens of total internal reflection, the prismatic lens should be electronically fixed (welded) to the body made of polycarbonate mould, with a height of 20mm, size of 130mm x 105mm and reflecting area of 13sqm with the slope of retro reflective surface within the limit of 35 + 5 degree to the base on either side. The marker shape II display an initial minimum luminous intensity of 279mcd/ lux at an entrance angle of zero degree and observation angle of 0.2 degree. The corresponding values for 20 degree entrance and 0.2 degree observation angle shall be 112 mcd / lux with color multiplying factor on either cases for white, yellow and red markers being 1.0, 0.6 and 0.25 respectively. The RPM's should be fixed by using two numbers of polymer shanks using appropriate adhesive as recommended and certified by the RPM manufacturer. The raised pavement marker should support a sufficient minimum load 13635 Kg in accordance with ministry specification. with all lead and lift and directions of the Engineer in charge of the work I.No: 38.32, P.No.290 of PWD SR 2014-15	Nos	360.00	333.72	120139.00	Yes	No	Under the Lumpsum provision in the Sanctioned Estimate	Yes	
				Total	773414.00					

Note:% Excess over the amount put to tender = EIRL Amount / Amount Put to tender x 100
(773414 / 8425000)*100 = 9.18%

for Sathya Construction
Proprietor

Assistant Engineer
Project Sub Division
Yelahanka Zone, BBMP

Asst. Executive Engineer
Project Sub Division
Yelahanka Zone, BBMP

Executive Engineer (Projects)
Yelahanka Zone
BBMP

Executive Engineer
Project Division
Yelahanka Zone
Bangalore

20/6/18

"EIRL Approved"

Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara
Rangalore 92

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